



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

JUL 24 2018

D205-541-044
Job Sheet 180013



Part No: D205-541-044

Job Qty: 1 ea

Part Name: Bell Medium Heli-Utility-Basket™ - RH



Part Weight: 0 lbs

Status: Scheduled

Priority: Medium

Job Created: 6/27/18

Job Tracking No:

Due Date: 7/27/18

Created By: Marie Lajeunesse

Type: Stock

Description:

Note: DWG DSI9667 REV A, IIN D205-541 REV J SHEETS 29-31 IPP Rev:C Re-Format 02-08-30 KJ IPP Rev:D chg to revG Ecn 1157 08-03-19 DD verified by: IPP REV:E 13.06.21 IIN-D205-541 REV.J DD VERF:JFS IPP REV:F 15.02.02 AS PER DIS9667 DD VERF:JLM

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup hrs	Run Hrs	Workcenter / Supplier	Lead Time	
90	Start up Operation	1 Ea	7/27/18	7/27/18	0.00	0.00	Start Up Small Fab-4		18-09-04
110	Small Fab	1 pcs	7/27/18	7/27/18	0.00	1.18	Small Fab-1		18-09-08
120	QC	1 pcs	7/27/18	7/27/18	0.00	0.00	QC5		38
130	Packaging	1 pcs	7/27/18	7/27/18	0.00	0.00	Packaging1-2		18-09-05
140	QC	1 pcs	7/27/18	7/27/18	0.00	0.00	QC4		38
145	DC	1 pcs	7/27/18	7/27/18	0.00	0.00	DC		38
150	Packaging	1 pcs	7/27/18	7/27/18	0.00	0.00	Packaging3-1		38
160	QC21-FG	1 Ea	7/27/18	7/27/18	0.00	0.00	QC21		38

Part Op 110 - Assemble as per Dwg.

Descriptions: 145 - Photocopy bluefile & type labels per PPPD205-541-044 CHG003

150 - Identify and pack for shipping as per PPP D205-541-044 Location: FG

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
AN3-16A	Bolt	2 Ea (2 ea)	90-Start up Operation	5089276
AN4-22A	Bolt	1 Ea (1 ea)	90-Start up Operation	5097470
AN4-24A	Bolt	1 Ea (1 ea)	90-Start up Operation	FM137371-1
AN4-7A	Bolt	2 Ea (2 ea)	90-Start up Operation	5057520
AN5-17A	Bolt	4 Ea (4 ea)	90-Start up Operation	5068080
AN970-4	Washer	4 Ea (4 ea)	90-Start up Operation	5016385-1
D2022-101	Spacer	2 Ea (2 ea)	90-Start up Operation	5106652
D2258-300	Placard	1 Ea (1 ea)	90-Start up Operation	5052399
D2332-041	Lid Prop Assembly 6.69"	1 Ea (1 ea)	90-Start up Operation	5093306
D2512	Basket Lid	1 Ea (1 ea)	90-Start up Operation	5102598
D2530	Handle Weldment	1 Ea (1 ea)	90-Start up Operation	5093529
D2535	Spring	2 Ea (2 ea)	90-Start up Operation	5097106
D2537	Bushing	2 Ea (2 ea)	90-Start up Operation	5097228
D2931	Bumper	2 Ea (2 ea)	90-Start up Operation	586435
D3053-042	212 Basket Base Assembly	1 Ea (1 ea)	90-Start up Operation	5103057
MS20600-AD4W3	Cherry Rivet	2 Ea (2 ea)	90-Start up Operation	5076007-1
MS21042L3	Nut	2 Ea (2 ea)	90-Start up Operation	5078253
MS21042L4	Nut	4 Ea (4 ea)	90-Start up Operation	5078254
MS21042L5	Nut	4 Ea (4 ea)	90-Start up Operation	5083541-1

DART
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CANADA
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Container No: S107681



Part: D205-541-044

Job No: 180013

Serial No/Batch: S107681

Revision:

Inspector:

Exp Date:

Instructions: TC STC SH96-120 Issue 2, FAA STC SR00696NY 07/03/27, EASA :

AC
3E

NAS1149D0416J	Washer	2 Ea (2 ea)	90-Start up Operation	FM131511
NAS1149D0463J	Washer	2 Ea (2 ea)	90-Start up Operation	S055952
NAS1149D0563J	Washer	4 Ea (4 ea)	90-Start up Operation	S068662-1
AN4-12A	Bolt	3 Ea (3 ea)	130-Packaging	S079111
AN4-13A	Bolt	9 Ea (9 ea)	130-Packaging	S055949
AN4-14A	Bolt	2 Ea (2 ea)	130-Packaging	S067888
AN4-7A	Bolt	2 Ea (2 ea)	130-Packaging	S057520
AN5-13A	Bolt	1 Ea (1 ea)	130-Packaging	S014743
AN5-7A	Bolt	1 Ea (1 ea)	130-Packaging	FM123355
D2199-1	Struts, 19"	1 Ea (1 ea)	130-Packaging	S033304
D2199-23	Strut	1 Ea (1 ea)	130-Packaging	S077901
D2199-25	Strut	1 Ea (1 ea)	130-Packaging	S077933
D2498	Mounting Lug	1 Ea (1 ea)	130-Packaging	S063247
D2499	Mounting Bracket	1 Ea (1 ea)	130-Packaging	S063322
D2515	Bushing	2 Ea (2 ea)	130-Packaging	7160407
D3052-1	Mounting Lug	1 Ea (1 ea)	130-Packaging	S063119
MS21042L4	Nut	16 Ea (16 ea)	130-Packaging	S059365
MS21042L5	Nut	2 Ea (2 ea)	130-Packaging	S058178
NAS1149D0432J	Washer	4 Ea (4 ea)	130-Packaging	FM137459-8
NAS1149D0463J	Washer	33 Ea (33 ea)	130-Packaging	S091558x23.S089699x10
NAS1149D0532J	Washer	2 Ea (2 ea)	130-Packaging	FM131467
NAS1149D0563J	Washer	5 Ea (5 ea)	130-Packaging	S093773
NAS1149DN832J	Washer	2 Ea (2 ea)	130-Packaging	S0391411

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
90-Start up Operation	AN3-16A	2	54	0
	AN4-22A	1	62	0
	AN4-24A	1	13	0
	AN4-7A	2	116	0
	AN5-17A	4	184	0
	AN970-4	4	160	0
	D2022-101	2	33	0
	D2258-300	1	6	0
	D2332-041	1	6	0
	D2512	1	0	0
	D2530	1	3	0
	D2535	2	56	0
	D2537	2	12	0
	D2931	2	1,010	0
	D3053-042	1	0	0
	MS20600-AD4W3	2	293	0
	MS21042L3	2	1,324	0
	MS21042L4	4	1,721	0
	MS21042L5	4	928	0
	NAS1149D0416J	2	2,990	0
	NAS1149D0463J	2	3,018	0
	NAS1149D0563J	4	1,672	0
130-Packaging	AN4-12A	3	151	0
	AN4-13A	9	805	0
	AN4-14A	2	288	0
	AN4-7A	2	116	0
	AN5-13A	1	67	0
	AN5-7A	1	3,423	0
	D2199-1	1	4	0
	D2199-23	1	3	0
	D2199-25	1	2	0
	D2498	1	6	0
	D2499	1	7	0
	D2515	2	84	0
	D3052-1	1	1	0
	MS21042L4	16	1,721	0
	MS21042L5	2	928	0
	NAS1149D0432J	4	194	0
	NAS1149D0463J	33	3,018	0
	NAS1149D0532J	2	150	0
	NAS1149D0563J	5	1,672	0

NAS1149DN832J

2

1,674

0

Part Specifications

Specifications could not be found.

Plex 6/27/18 2:53 PM Dart.lajeunesse.marie

4.0 WEIGHT AND BALANCE

Installation	Weight	LATERAL		LONGITUDINAL	
		Arm	Moment	Arm	Moment
D205-541-043 <i>Heli-Utility-Basket™</i>	118 lb 53.6 kg	- 63.13 in - 1.60 m	- 7449 in-lb - 85.8 m-kg	132.25 in 3.36 m	15606 in-lb 180.1 m-kg
D205-541-044 <i>Heli-Utility-Basket™</i>	118 lb 53.6 kg	+ 63.13 in + 1.60 m	+ 7449 in-lb + 85.8 m-kg	132.25 in 3.36 m	15606 in-lb 180.1 m-kg
D205-541-045 <i>Heli-Utility-Basket™</i>	104 lb 47.3 kg	- 63.13 in - 1.60 m	- 6566 in-lb - 75.7 m-kg	132.25 in 3.36 m	13754 in-lb 158.9 m-kg
D205-541-046 <i>Heli-Utility-Basket™</i>	104 lb 47.3 kg	+ 63.13 in + 1.60 m	+ 6566 in-lb + 75.7 m-kg	132.25 in 3.36 m	13754 in-lb 158.9 m-kg
D205-541-047 <i>Heli-Access-Step™</i>	14 lb 6.4 kg	- 76.11 in - 1.93 m	- 1066 in-lb - 12.4 m-kg	126.56 in 3.21 m	+ 1772 in-lb + 20.5 m-kg
D205-541-048 <i>Heli-Access-Step™</i>	14 lb 6.4 kg	+ 76.11 in + 1.93 m	+ 1066 in-lb + 12.4 m-kg	126.56 in 3.21 m	+ 1772 in-lb + 20.5 m-kg
D205-541-141 <i>Heli-Utility-Basket™</i>	69 lb 31.4 kg	- 59.9 in - 1.5 m	- 4133 in-lb - 47.1 m-kg	161.6 in 4.1 m	+ 11150 in-lb + 128.7 m-kg
D205-541-142 <i>Heli-Utility-Basket™</i>	69 lb 31.4 kg	+ 59.9 in + 1.5 m	+ 4133 in-lb + 47.1 m-kg	161.6 in 4.1 m	+ 11150 in-lb + 128.7 m-kg

5.0 PARTS LIST HELI-UTILITY-BASKET™

REFERENCE ONLY

Qty -043	Qty -044	Qty -045	Qty -046	Qty -141	Qty -142	Part Number	Description
X						D205-541-043	HELI-UTILITY-BASKET, LH
	X					D205-541-044	HELI-UTILITY-BASKET, RH
		X				D205-541-045	HELI-UTILITY-BASKET, LH
			X			D205-541-046	HELI-UTILITY-BASKET, RH
				X		D205-541-141	HELI-UTILITY-BASKET, LH
					X	D205-541-142	HELI-UTILITY-BASKET, RH
				1	1	DSI 9302-011	STRUT MODIFICATION KIT (FOR D205-633 STEP INSTALLATION)
2*	2*					D2022-101	SPACER
				2	2	D2022-101	SPACER (FOR D205-633 STEP INSTALLATION)
1	1	1	1			D2199-1	STRUT
1	1	1	1			D2199-23	STRUT
1	1	1	1			D2199-25	STRUT
1*	1*	1*	1*			D2258-300	LABEL
1*	1*	1*	1*			D2332-041	PROP ASSEMBLY
				1	1	D2332-041	PROP ASSEMBLY (OPTIONAL)
				1	1	D2464-0410	NEOPRENE SEAL
1	1	1	1			D2498	MOUNTING LUG
1	1	1	1			D2499	MOUNTING LUG
1*	1*					D2512	BASKET LID ASSEMBLY

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Revision: J

Date: 10.03.08

REFERENCE ONLY

Qty -043	Qty -044	Qty -045	Qty -046	Qty -141	Qty -142	Part Number	Description
2	2	2	2			D2515	BUSHING
1*	1*	1*	1*			D2530	HANDLE ASSEMBLY
2*	2*	2*	2*			D2535	SPRING
2*	2*	2*	2*			D2537	BUSHING
2*	2*					D2931	BUMPER
1	1	1	1			D3052-1	MOUNTING LUG
1*						D3053-041	BASKET BASE ASSEMBLY, LH
	1*					D3053-042	BASKET BASE ASSEMBLY, RH
		1*				D3712-041	BASKET BASE
			1*			D3712-042	BASKET BASE
		1*				D3713-041	LID ASSEMBLY
			1*			D3713-042	LID ASSEMBLY
		6*	6*			D3723-1	BUSHING
				2	2	D3953-9	GAS SPRING SPACER (OPTIONAL)
				1		D4041-011	SHORT BASKET ASS'Y, LH
					1	D4041-012	SHORT BASKET ASS'Y, RH
				1		D4048-041	MOUNTING LUG ASS'Y
					1	D4048-042	MOUNTING LUG ASS'Y
				1		D4048-5	MOUNTING LUG
					1	D4048-6	MOUNTING LUG
				1		D4048-7	MOUNTING LUG
					1	D4048-8	MOUNTING LUG
				6	6	D4048-9	BUSHING
				1		D4049-041	MOUNTING LUG ASS'Y
					1	D4049-042	MOUNTING LUG ASS'Y
				1		D4049-5	MOUNTING LUG
					1	D4049-8	MOUNTING LUG
				1	1	D4050-1	STRUT
				1	1	D4050-3	STRUT
				1		D4050-5	STRUT
					1	D4050-8	STRUT
				1		D4051-041	GUARD (OPTIONAL)
					1	D4051-042	GUARD (OPTIONAL)
				2	2	D4052-1	EYE BOLT
				10	10	AN3-5A	BOLT
				1	1	AN3-7A	BOLT (OPTIONAL)
				4	4	AN3-11A	BOLT (OPTIONAL)
2*	2*	2*	2*			AN3-16A	BOLT
				5	5	AN4-6A	BOLT
2*	2*					AN4-7A	BOLT
2	2	2	2	1	1	AN4-7A	BOLT
3	3	3	3	2	2	AN4-12A	BOLT
9	9	9	9			AN4-13A	BOLT
2	2	2	2	11	11	AN4-14A	BOLT
				1	1	AN4-16A	BOLT
		3*	3*			AN4-20A	BOLT

DART SERVICE INSTRUCTION

TO AMEND INSTALLATION INSTRUCTIONS D205-541 REV. J AND
INSTRUCTIONS FOR CONTINUED AIRWORTHINESS ICA-D205-541 REV. A

REF TCCA STC: SH96-120

REF FAA STC: SR00696NY

REF EASA STC: EASA.IM.R.S.01242

REFERENCE ONLY

PURPOSE:

FOR CUSTOMERS/OPERATORS CONCERNED WITH GAPS AT STA's 84.29, 129.00 AND 155.06 WHILE INSTALLING D205-541-043/-044/-045/-046 BASKETS, IT IS ACCEPTABLE TO FILL THE GAPS WITH WASHERS TO REDUCE UNNECESSARY STRESS ON THE MOUNTING LUGS.

CHANGE:

INSTALL THE D205-541-043/-044/-045/-046 BASKET KITS PER INSTALLATION INSTRUCTIONS D205-541 WITH ADDITIONAL WASHERS AS SHOWN IN FIGURE 1 OF THIS SERVICE INSTRUCTION.

PARTS LIST:

THE PARTS LISTS FOR D205-541-043/-044 AT CHG 003 OR LATER AND D205-541-045/-046 AT CHG 002 OR LATER ARE AMENDED AS FOLLOWS:

25.8 D205-541 INSTALLATION PARTS LIST (ICA-D205-541)

5.2 D205-541-043 INSTALLATION PARTS LIST (D205-541)

QTY -043	QTY -044	QTY -045	QTY -046	PART NUMBER	DESCRIPTION
X				D205-541-043	HELI-UTILITY-BASKET-LH
	X			D205-541-044	HELI-UTILITY-BASKET-RH
		X		D205-541-045	HELI-UTILITY-BASKET-LH
			X	D205-541-046	HELI-UTILITY-BASKET-RH

ADD:

4	4	4	4	NAS1149D0463J	WASHER
4	4	4	4	NAS1149D0432J	WASHER
2	2	2	2	NAS1149D0532J	WASHER
2	2	2	2	NAS1149D0563J	WASHER

WEIGHT AND BALANCE:

THERE IS NEGLIGIBLE WEIGHT CHANGE ASSOCIATED WITH THIS MODIFICATION.

MAINTENANCE:

PER ICA-D205-541.

CANADA DEPARTMENT OF TRANSPORT AIRCRAFT CERTIFICATION BRANCH DAO # 01-O-01
APPROVED 
BY: D. SHEPHERD (DE # 02)
DATE: 14.11.27
CERT. NO.: SH96-120
ISSUE NO.: 3

A	NEW ISSUE	DW	14.11.27
REV.	DESCRIPTION	BY	DATE
DESIGN	DW	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	DW		
CHECKED	AP	DRAWING NO.	REV. A
MFG. APPR.	N/A	DSI 9667	SHEET 1 OF 2
APPROVED		TITLE	SCALE
DE APPR.		WASHER ADDITION	NTS
DATE	14.11.27	COPYRIGHT © 2014 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	

Qty -043	Qty -044	Qty -045	Qty -046	Qty -141	Qty -142	Part Number	Description
1*	1*	1*	1*			AN4-22A	BOLT
1*	1*	1*	1*			AN4-24A	BOLT
1	1	1	1			AN5-7A	BOLT
1	1	1	1			AN5-13A	BOLT
4*	4*	4*	4*			AN5-17A	BOLT
				5	5	AN960-10	WASHER (OR NAS1149F0363P) (OPTIONAL)
				20	20	AN960JD10L	WASHER (OR NAS1149D0332J)
2*	2*	6*	6*			AN960JD416	WASHER (OR NAS1149D0463J)
				2	2	AN960-416	WASHER (OR NAS1149F0463P) (OPTIONAL)
27	27	27	27	36	36	AN960JD416	WASHER (OR NAS1149D0463J)
2*	2*	2*	2*	4	4	AN960JD416L	WASHER (OR NAS1149D0416J)
4*	4*	4*	4*			AN960JD516	WASHER (OR NAS1149D0563J)
3	3	3	3			AN960JD516	WASHER (OR NAS1149D0563J)
2	2					AN960JD8	WASHER (OR NAS1149DN832J)
4*	4*	4*	4*			AN970-4	WASHER
2*	2*					MS20600AD4W3	RIVET
2*	2*	2*	2*	8	8	MS21042L3	NUT (OR MS21042-3)
				5	5	MS21042L3	NUT (OR MS21042-3) (OPTIONAL)
4*	4*	5*	5*			MS21042L4	NUT (OR MS21042-4)
16	16	16	16	20	20	MS21042L4	NUT (OR MS21042-4)
				2	2	MS21043L4	NUT (OR MS21043-4)
4*	4*	4*	4*			MS21042L5	NUT (OR MS21042-5)
2	2	2	2			MS21042L5	NUT (OR MS21042-5)

* = ASSEMBLED AT DART

6.0 PARTS LIST HELI-ACCESS-STEP™

Qty -047	Qty -048	Part Number	Description
X		D205-541-047	HELI-ACCESS-STEP, LH
	X	D205-541-048	HELI-ACCESS-STEP, RH
1		D3724-041	STEP ASSY, LH
	1	D3724-042	STEP ASSY, RH
2	2	D3731-1	PLATE
2	2	D3751-1	SHIM
6	6	AN4-13A	BOLT
6	6	AN4-14A	BOLT
24	24	AN960JD416	WASHER
12	12	MS21042L4	NUT (OR MS21042-4)

REFERENCE ONLY

Change Record

PAGE 1 OF 1

Part Number: D205-541-043/-044

Description: HELI UTILITY BASKET, LH/RH

[illegible]